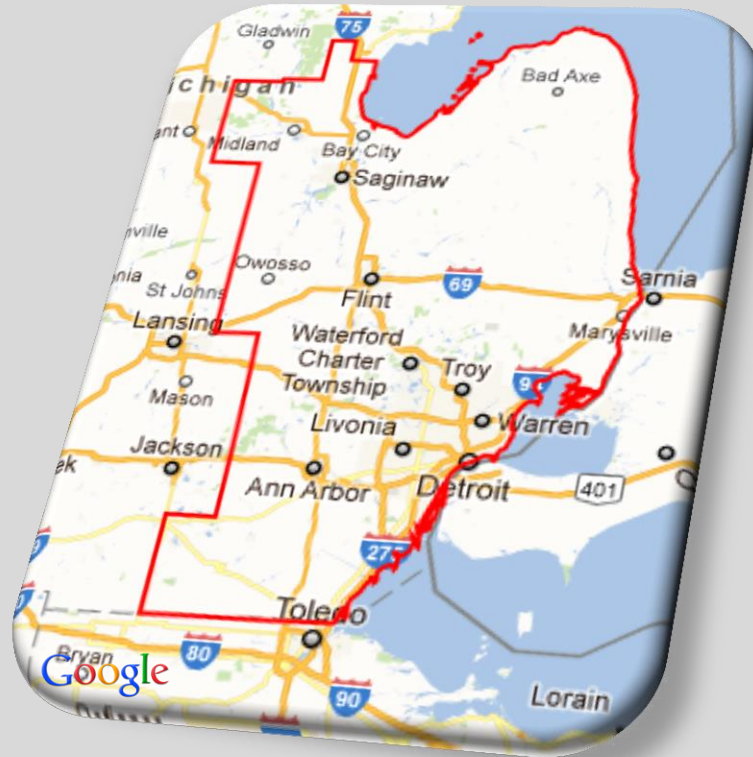




Weather Briefing

December 24, 2014



National Weather Service
Detroit/Pontiac, MI

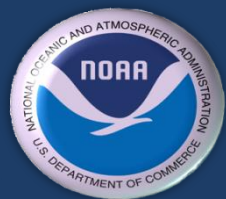
<http://www.weather.gov/dtx>

Email: w-dtx.webmaster@noaa.gov



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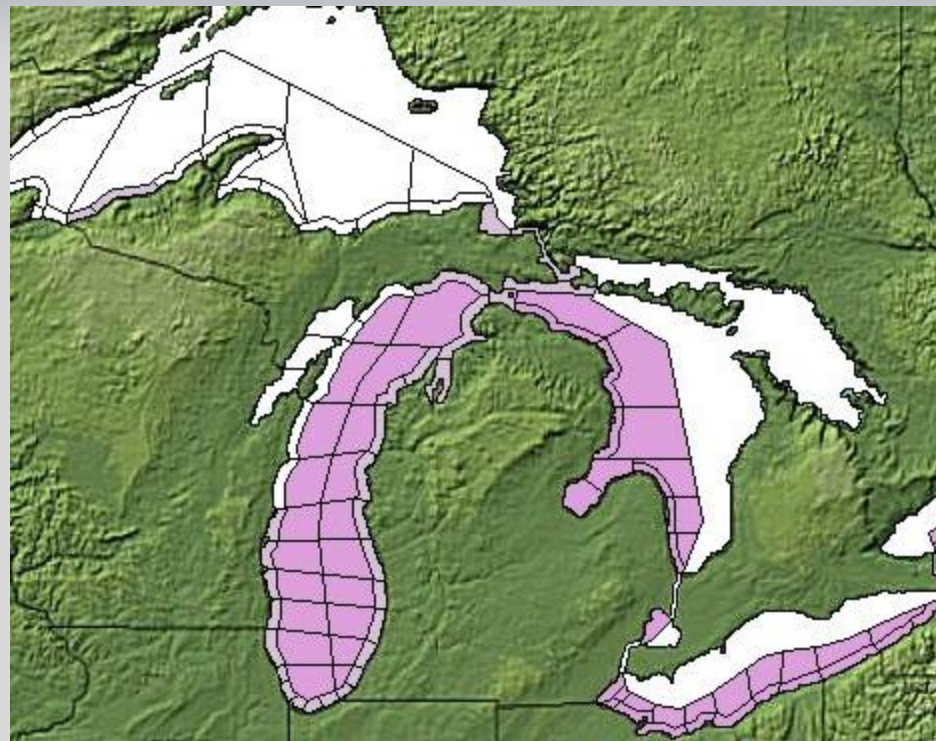
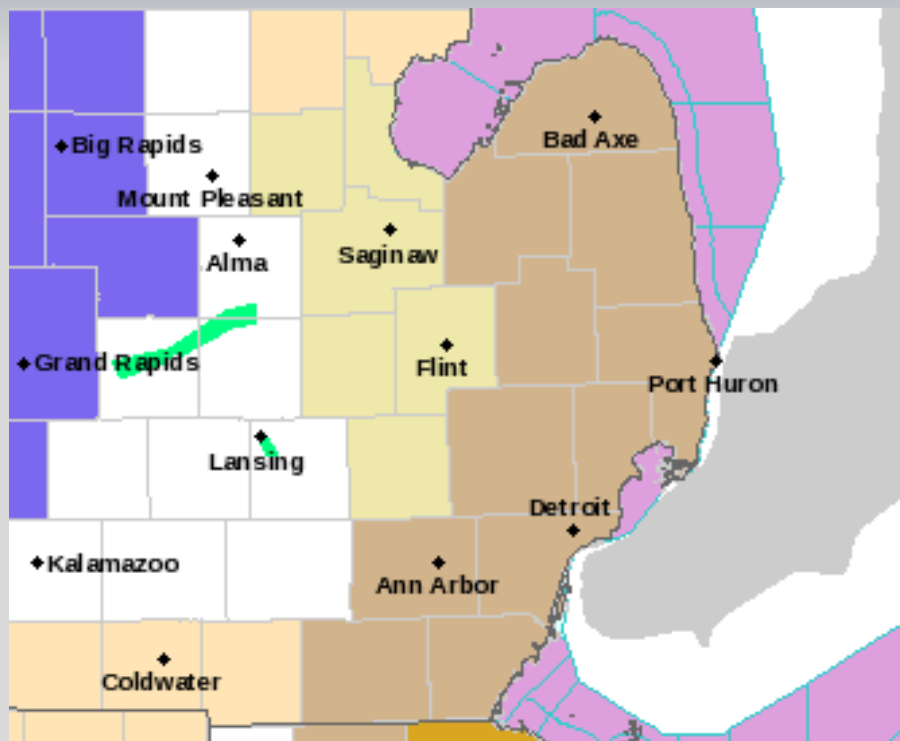




Weather Briefing



Watches, Warnings, and Advisories



Strong Winds Expected this evening into early Christmas Morning



-  Wind Advisory
-  High Wind Warning

-  Gale Warning
-  Small Craft Advisory



Weather Briefing

Key Points



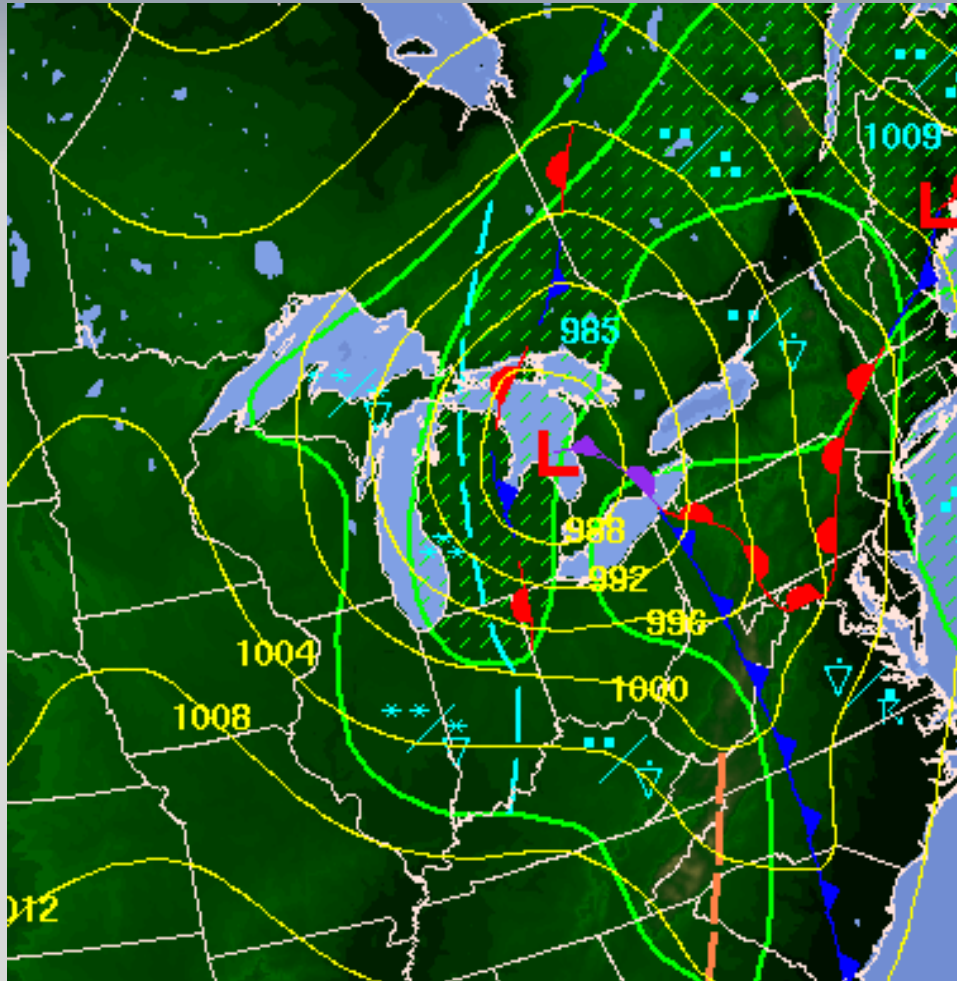
| | |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| What | <ul style="list-style-type: none">• Wind gusts to around 45 mph• Gusts drop back below 35 mph overnight |
| When | <ul style="list-style-type: none">• Strongest winds 7 pm to 3 am |
| Where | <ul style="list-style-type: none">• Much of Southeast Lower Michigan, except areas along and west of US-23 where winds gusts will be lower. |
| Forecast Confidence | <ul style="list-style-type: none">• Medium to High confidence in gusts to 45 mph from 7 pm to 3 am, shifting from south to north across the area with passage of low |
| Winds of this speed may cause: | <ul style="list-style-type: none">• Tree limbs and power lines may fall• Loose objects may be blown around• A few power outages• Driving difficulties, especially high profile vehicles |

weather.gov/detroit



Weather Briefing

What will cause these winds?



Low pressure forecast at 7 pm this evening

Event Summary

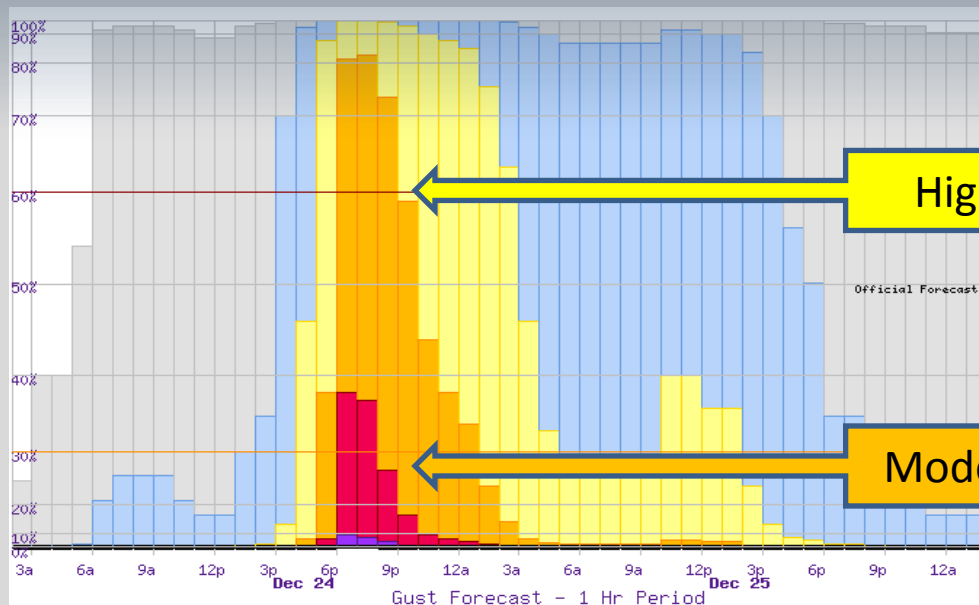
Deepening low pressure will track directly over Southeast Michigan late today.

Strong southwest winds will develop this evening in the immediate wake of this low pressure.



Weather Briefing

Wind Gust Potential



High potential of gusts to 40 mph.

Modest potential of gusts to 50 mph.

- Probability for Peak Wind Achieving 10 mph
- Probability for Peak Wind Achieving 20 mph
- Probability for Peak Wind Achieving 30 mph
- Probability for Peak Wind Achieving 40 mph
- Probability for Peak Wind Achieving 50 mph
- Probability for Peak Wind Achieving 60 mph
- Probability for Peak Wind Achieving 70 mph

WAYNE COUNTY

| | |
|-------|------------------------------|
| Start | Late Afternoon-early evening |
| Peak | During the evening |
| End | After midnight |

Probabilistic Wind Forecast for Wayne Area

<http://www.crh.noaa.gov/dtx/?n=pgust>

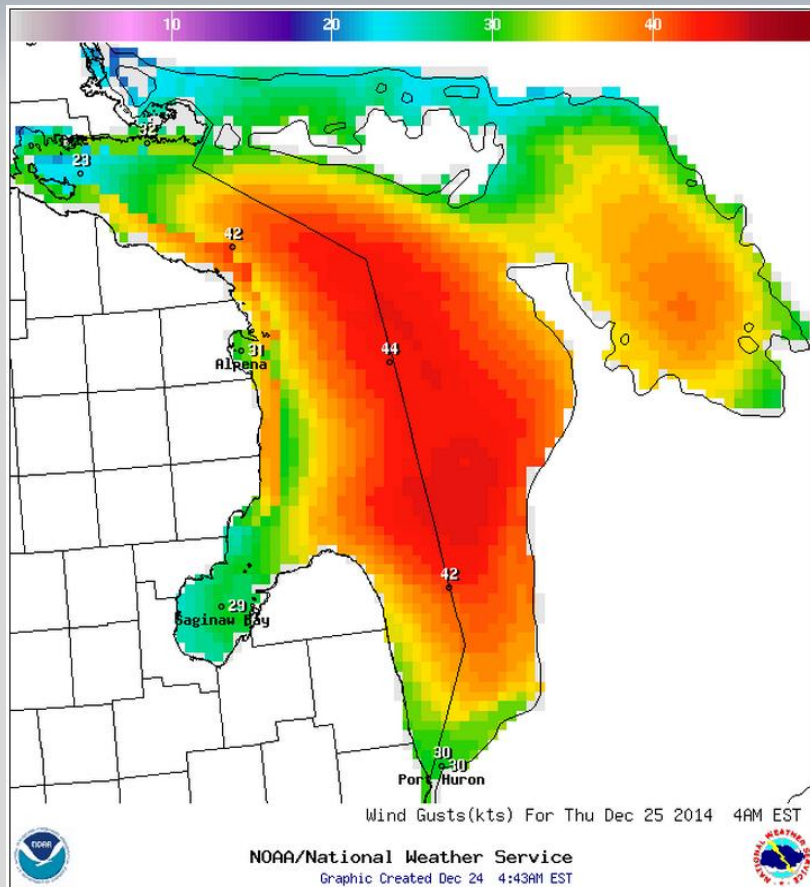


Marine Weather Briefing

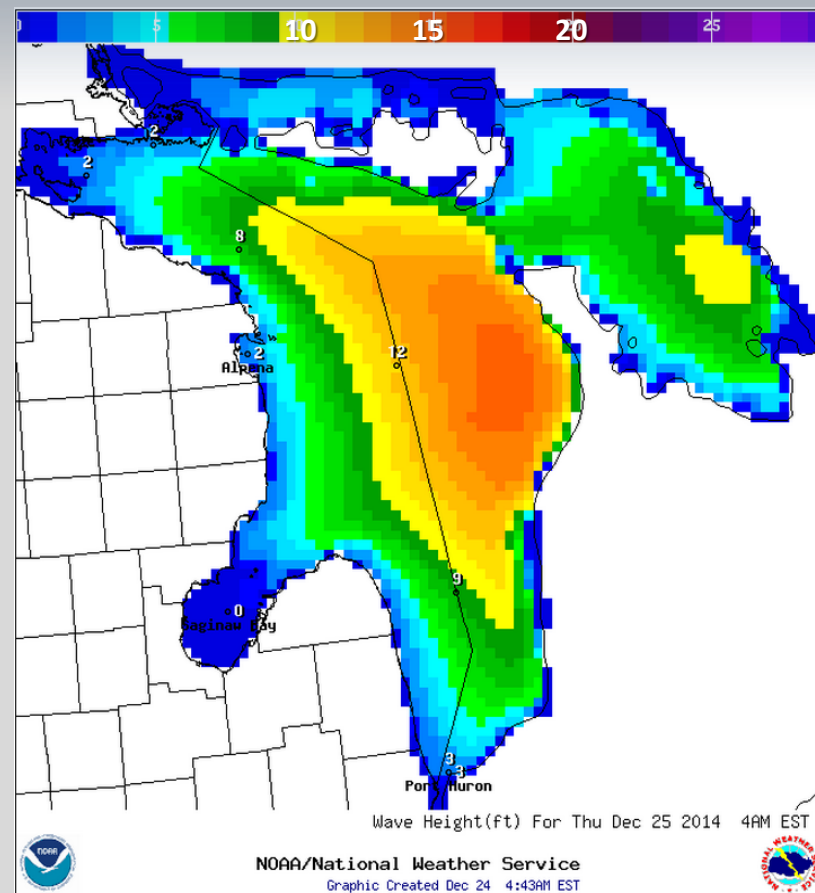
Lake Huron Hazards



Wind Gusts at 4 am Thursday

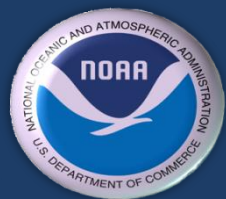


Wave Heights at 4 am Thursday



Gale Warning in effect into Thursday.

Winds and wave heights will peak over Lake Huron overnight

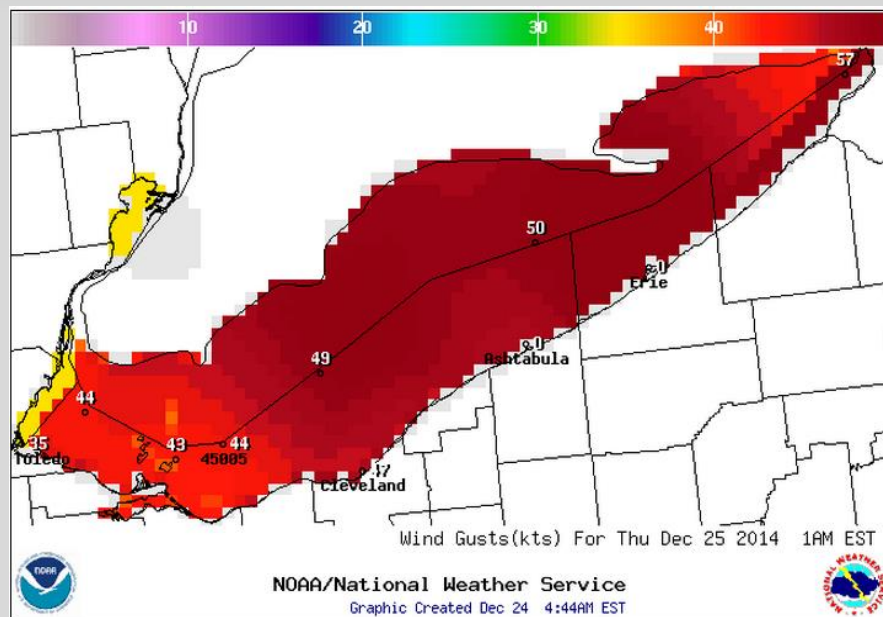


Marine Weather Briefing

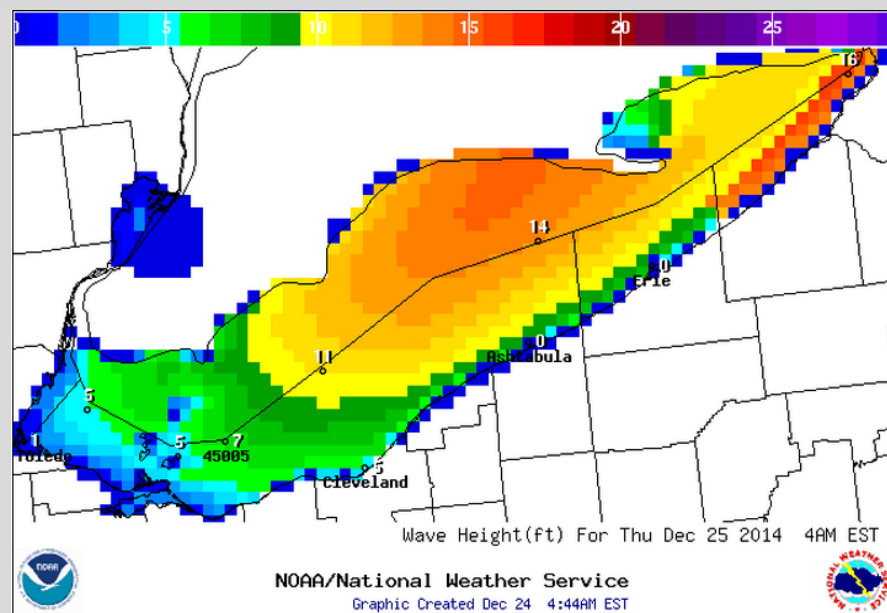
Lake St. Clair and Lake Erie Hazards



Wind Gusts at 1 am Thursday



Wave Heights at 4 am Thursday



Gale Warnings in effect through Thursday morning.
Winds will peak around midnight with waves building overnight



Additional Information



Local Hazards Page

<http://www.weather.gov/detroit/svr.php>

Latest Wind Probability Graphics

<http://www.crh.noaa.gov/dtx/?n=pwind>

<http://www.crh.noaa.gov/dtx/?n=pgust>

Great Lakes Marine Portal

<http://www.crh.noaa.gov/greatlakes/>



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